

STATEMENT OF WORK
Waste Transfer (634)
Oklahoma

These deliverables apply to this individual practice. For other planned practice deliverables refer to those specific Statements of Work.

DESIGN

Deliverables:

1. Design documentation that will demonstrate that the criteria in NRCS practice standard have been met and are compatible with other planned and applied practices.
 - a. Practice purpose(s) as identified in the Comprehensive Nutrient Management Plan (CNMP).
 - b. List of required permits to be obtained by the client.
 - Oklahoma Department of Agriculture, Food and Forestry must approve waste management plans for licensed animal feeding operations in Oklahoma
 - Other permits may be required depending on the location of the facility
 - c. Impacts on adjacent properties and structures.
 - d. Compliance with NRCS national and state utility safety policy (National Engineering Manual (NEM) Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities 503.00 through 503.06 and NEM Oklahoma Supplement Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities, OK503.02)
 - Oklahoma engineering worksheet *OK-ENG-45 Utilities Inventory Form* will be used to document utilities
 - e. List of facilitating practices
 - f. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
 - i. Geology and Soil Mechanics (NEM Subpart 531a)
 - ii. Capacity
 - iii. Consistency
 - iv. Hydraulics
 - v. Structural and Mechanical Components
 - vi. Environmental Considerations (e.g. air quality, biosecurity).
 - vii. Safety Considerations (NEM Part 503- Safety, Subpart A, 503.06 through 503.12).
2. Written plans and specifications including sketches and drawings shall be provided to the client that adequately describes the requirements to install the practice and obtain necessary permits.
 - Site specific drawings to provide installation guidance. A sketch or drawing will also be attached with a plan view and plotted profile of the pipeline or structure layout.
 - Follow manufacturer's installation instructions and specifications for pipe, appurtenances and prefabricated components. Additional specifications may need to be written to provide full material and installation instructions.
3. Design Report and Inspection Plan as appropriate (NEM Part 511, Subpart B Documentation, 511.11 and Part 512, Subpart D Quality Assurance Activities, 512.30 through 512.32).
4. Certification that the design meets practice standard criteria and comply with applicable laws and regulations will be signed by an employee with appropriate approval authority for design assigned on Form OK-ENG-1 or OK-ENG-1 (NEM Subpart A, 505.3).
5. Operation and Maintenance Plan.
6. Design modifications during installation as required.

STATEMENT OF WORK
Waste Transfer (634)
Oklahoma

INSTALLATION

Deliverables

1. Documentation of pre-installation conference with client and contractor.
2. Verification that client has obtained required permits.
3. Staking and layout according to plans and specifications including applicable layout notes.
4. Installation inspection (according to inspection plan as appropriate).
 - a. Actual materials used.
 - b. Inspection records
 - c. Maintaining a job diary with dates and record of inspections made, testing completed, instructions provided to the contractor, etc., to document compliance with standards and specifications. Documenting in the assistance notes in the plan is acceptable.
5. Facilitate, implement and document required design modifications with client, original designer, regulatory and funding agencies.
6. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation.
7. Certification that the installation process and materials meets design and permit requirements. Certification that the engineering practice meets specifications will be signed by an employee with appropriate approval authority for construction assigned on Form OK-ENG-1, OK-ENG-1a, or by special letter.

CHECK OUT

Deliverables

1. Supporting documentation.
 - a. Completed job diary or assistance notes documenting inspections made, testing completed, materials used, etc.
 - b. Survey notes for layout, inspections, and final checkout documenting compliance with standards and specifications
 - c. As-built drawings with changes from the original drawing clearly shown
 - d. Extent of practice units applied and location identified on a map
 - e. Vegetation certification or schedule documented on OK-ECS-Worksheet 4 – Vegetative Data Worksheet Final quantities
2. Certification that the installation meets NRCS standards and specifications and is in compliance with permits will be signed by an employee with appropriate approval authority for construction assigned on Form OK-ENG-1, OK-ENG-1 a, or by special letter. (NEM Subpart A, 505.3).
3. Progress reporting.

REFERENCES

- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard Waste Transfer - 634.
- NRCS Agricultural Waste Management Field Handbook (AWMFH)
- NRCS National Engineering Manual (NEM).
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook